## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S18	13	S17 and (@ad<"20030702" or @rlad<"20030702")	US-PGPUB; USPAT	OR	ON	2006/11/30 12:54
S17	21	S16 and ((alingan or (aluminum adj indium adj gallium adj nitride)) near (barrier))	US-PGPUB; USPAT	OR	ON	2006/11/30 12:54
S11	12	S10 and (@ad<"20030702" or @rlad<"20030702")	US-PGPUB; USPAT	OR	ON	2006/11/30 12:54
S10	16	S9 and ((alingan or (aluminum adj indium adj gallium adj nitride)) near (barrier))	US-PGPUB; USPAT	OR	ON	2006/11/30 15:14
S26	21	S25 and ((alingan or (aluminum adj indium adj gallium adj nitride)) near (barrier))	US-PGPUB; USPAT	OR	ON	2006/11/30 15:14
S24	12	S23 and (@ad<"20030702" or @rlad<"20030702")	US-PGPUB; USPAT	OR	ON	2006/11/30 15:14
S23	16	S22 and ((alingan or (aluminum adj indium adj gallium adj nitride)) near (barrier))	US-PGPUB; USPAT	OR	ON	2006/11/30 15:14
S19	1	S18 not S11	US-PGPUB; USPAT	OR	ON	2006/11/30 15:14
S27	13	S26 and (@ad<"20030702" or @rlad<"20030702")	US-PGPUB; USPAT	OR	ON	2006/11/30 15:15
S28	15	S20 not S27 not S24	US-PGPUB; USPAT	OR	ON	2006/11/30 15:15
S29	15	S20 not (S27 or S24)	US-PGPUB; USPAT	OR	ON	2006/11/30 15:15
S30	5	S29 and (@ad<"20030702" or @rlad<"20030702")	US-PGPUB; USPAT	OR	ON	2006/11/30 15:19
S31	10	S29 not S30	US-PGPUB; USPAT	OR	ON	2006/11/30 15:26
S32	12	((buffer or buffering) adj2 between adj (clad or cladding))	US-PGPUB; USPAT	OR	ON	2006/11/30 15:27
S33	12	((buffer or buffering) adj2 between adj (clad or cladding))	US-PGPUB; USPAT	OR	ON	2006/11/30 15:28
S20	23	( ((alingan or (aluminum adj indium adj gallium adj nitride)) near3 (barrier)) same ((ingan or (indium adj gallium adj nitride)) near3 (active or quantum or mqw or "well"))))	US-PGPUB; USPAT	OR	ON	2006/12/05 17:42
S43	11	S42 and ( (al or aluminum) near (content or percent or percentage or amount or "%"))	US-PGPUB; USPAT	OR	ON	2006/12/05 17:43
S46	11	S44 and ( (al or aluminum) near2 (content or percent or percentage or amount or "%") )	US-PGPUB; USPAT	OR	ON	2006/12/05 17:52
S44	35	( ((alingan or (aluminum adj indium adj gallium adj nitride)) near3 (barrier))and ((ingan or (indium adj gallium adj nitride)) near3 (active or quantum or mqw or "well")) )	US-PGPUB; USPAT	OR	ON	2006/12/05 17:52
S50	0	S48 and ( (at or aluminum) with (content or percent or percentage or amount or "%") )	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/05 17:53

## **EAST Search History**

S49	0	S48 and ( (al or aluminum) near3 (content or percent or percentage or amount or "%") )	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/05 17:53
S52	5	S51 not S47	US-PGPUB; USPAT	OR	ON	2006/12/05 17:55
S51	16	S44 and ( (al or aluminum) with (content or percent or percentage or amount or "%"))	US-PGPUB; USPAT	OR	ON	2006/12/05 17:55
S47	11	S44 and ( (al or aluminum) near3 (content or percent or percentage or amount or "%"))	US-PGPUB; USPAT	OR	ON	2006/12/05 17:55
S48	6	( ((alingan or (aluminum adj indium adj gallium adj nitride)) near3 (barrier))and ((ingan or (indium adj gallium adj nitride)) near3 (active or quantum or mqw or "well"))))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/05 18:10
S45	11	S44 and ( (al or aluminum) near (content or percent or percentage or amount or "%") )	US-PGPUB; USPAT	OR	ON	2006/12/05 18:16
S42	35	( ((alingan or (aluminum adj indium adj gallium adj nitride)) near3 (barrier))and ((ingan or (indium adj gallium adj nitride)) near3 (active or quantum or mqw or "well"))))	US-PGPUB; USPAT	OR	ON	2006/12/05 18:20

12/20/06 8:36:58 PM